

Fig.2

Fig.3

4				
	SEX	AGE	HEIGHT(cm)	WEIGHT(kg)
0	FEMALE	18	168	55
=	MALE	21	172	64
7	FEMALE	24	159	48
ਲ	FEMALE	16	172	48
4	MALE	28	181	78
2	FEMALE	20	166	55
<del>©</del>	FEMALE	16	168	52
	MALE	33	174	65
<u></u> ∞	MALE	24	177	64
<del></del>	FEMALE	18	170	55

	_											
						<u> </u>		NG &	<u>.</u>			
	۱	48	52	55	64	65	78	ASCENDING ORDER	) }			
WEIGHT		0		- 2	ි 	4		 18		- —	- — -	
WE	ا						<u> </u>		:			1
	NN	2	က	0	0	5	2	-	4	က	2	
		0	_	2	က	4	5	9		<u></u> ∞	6	]
	_[	_	<b>~</b>	<u> </u>		21	_	_		NG H	i	
	7	159	166	168	170	172	174	177	181	ASCENDING ORDER		
HEIGHT		0			ო	4	2	9	7	'ĕ 		
뿔	。					7						]
	VNo	2	4	0	4	7	-	2	5	9	ა	
		0	_	2	က	4	.C	ဖ		<u></u>	6	
	.[								SING ER			
	7	16	18	20	21	24	28	33	ASCENDING ORDER			
AGE		0		8	က — -	4			¥ 			
	اه					_		_				
	N	-	3	4	0	5	2	0	9	4	-	
		0		2	က	4	5	9	7	ω	6	·
	.[	4LE	ALE	NDING DER								
	7	MAL	FEMA	ASCENDIN ORDER								
SEX		<del>-</del>		¥ 				—		- <del></del> -		
$\  \tilde{\ } \ $	٦	-										
	SN N	-	0	-	-	0	-	-	0	0	-	
		0	<del>-</del>	2	ო :	4	IJ.	9	7	∞ :	6	
	٦g	_				-					$\neg$	
	OrdSet	0	-	2	က	4	5	9	7	∞	6	
	_	0	<del>-</del>	7	က	4	<u>.</u>	<del>•</del>	~	<u></u>	6	

Fig.5

## OFFSET= 0

#### PMM-0

	SEX	AGE	HEIGHT(cm)	WEIGHT(kg)
0	FEMALE	18	168	55
1	MALE	21	172	64
2	FEMALE	24	159	48

## OFFSET= 3

# PMM-1

	SEX	AGE	HEIGHT(cm)	WEIGHT(kg)
0	FEMALE	16	172	48
1	MALE	28	181	78

## OFFSET= 5

#### PMM-2

	SEX	AGE	HEIGHT(cm)	WEIGHT(kg)
0	FEMALE	20	166	55
1	FEMALE	16	168	52
2	MALE	33	174	65

## OFFSET= 8

#### PMM-3

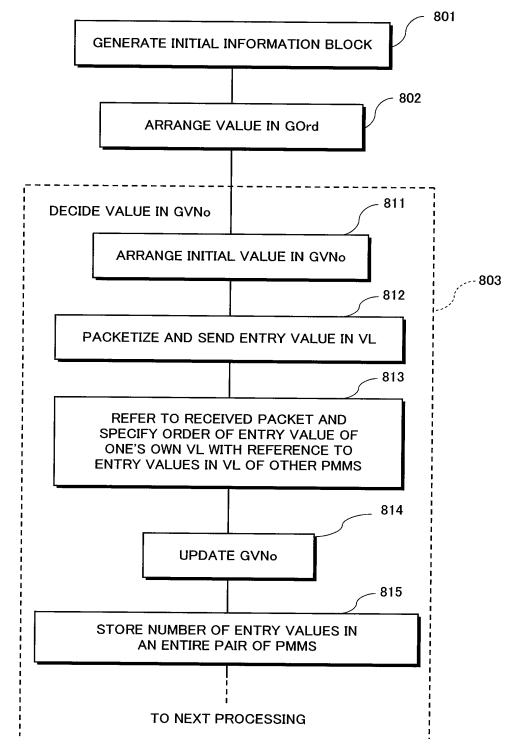
	SEX	AGE	HEIGHT(cm)	WEIGHT(kg)
0	MALE	24	177	64
1	FEMALE	18	170	55

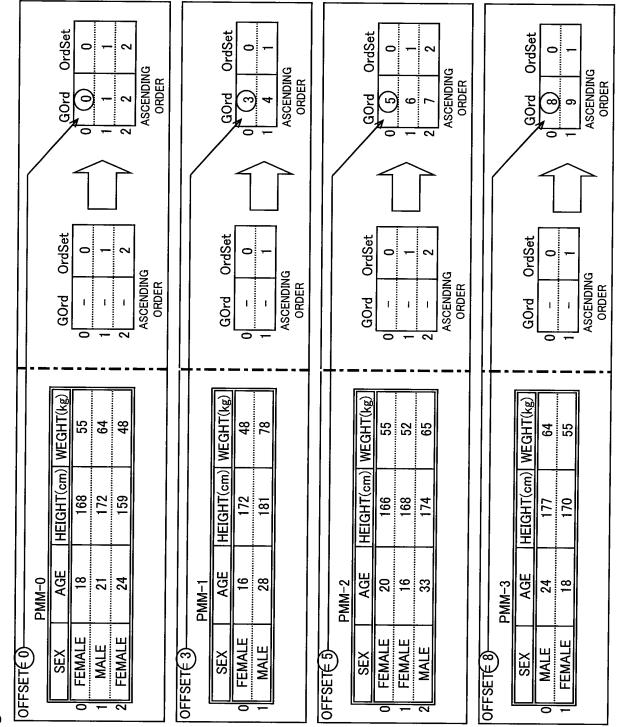
Fig.6

	SEX (PMM-0)	AGE (PMM-0)	HEIGHT (PMM-0)	WEIGHT (PMM-0)
7 - 0	VNO  1 0 MALE 0 - 1 FEMALE 1 - ASCENDING ASCENDING ORDER	VNo VL GVNo 0 0 18 0 - 1 1 1 21 1 - 2 2 24 2 - ASCENDING ASCENDING ORDER ORDER	VNo VL GVNo 1 2 1 168 1 - 2 0 2 172 2 - ASCENDING ASCENDING ORDER	VNo 1 0 48 0 - 1 2 1 55 1 - 2 0 84 2 - 3 CENDING ASCENDING ASCENDER
	SEX (PMM-1)	AGE (PMM-1)	HEIGHT (PMM-1)	WEIGHT (PMM-1)
0 -	VNo         VL         GVNo           1         0         MALE         0         -           0         1         FEMALE         1         -           ASCENDING         ASCENDING         ORDER         ORDER	VNo VL GVNo 0 0 16 0 - 1 1 28 1 - ASCENDING ASCENDING	VNo VL GVNo 0 0 172 0 - 1 1 181 1 - ASCENDING ASCENDING	VNo VL GVNo 0 0 48 0 - 1 1 78 1 - ASCENDING ASCENDING ORDER

WEIGHT (PMM-2)	VNo VL GVNo 0 1 0 52 0 - 1 0 1 55 1 - 2 2 1 2 65 2 - ASCENDING ASCENDING		WEIGHT (PMM-3)	VNo VL GVNo 0 1 0 55 0 1 0 1 64 1 ASCENDING ASCENDING
HEIGHT (PMM-2)	VNo VL GVNo 0 0 0 166 0 - 1 1 1 168 1 - 2 2 2 174 2 - ASCENDING ASCENDING ORDER		HEIGHT (PMM-3)	VNo VL GVNo 0 1 0 170 0 1 0 1 177 1 ASCENDING ASCENDING
AGE (PMM-2)	VNo VL GVNo 0 1 0 16 0 - 1 0 1 20 1 - 2 2 33 2 - ASCENDING ASCENDING ORDER		AGE (PMM-3)	VNo VL GVNo 0 1 0 18 0 - 1 0 1 24 1 - ASCENDING ASCENDING
SEX (PMM-2)	VNO VL GVNO  0 1 0 MALE 0 -  1 1 1 FEMALE 1 -  2 0 ASCENDING ASCENDING ORDER		SEX (PMM-3)	VNo VL GVNo 0 0 0 MALE 0 - 1 1 FEMALE 1 - ASCENDING ASCENDING
	GOrd OrdSet  0 - 0  1 - 1  2 - 2  ASCENDING  ORDER	<u> </u>		GOrd OrdSet  0 - 0  1 - 1  ASCENDING ORDER

Fig.8





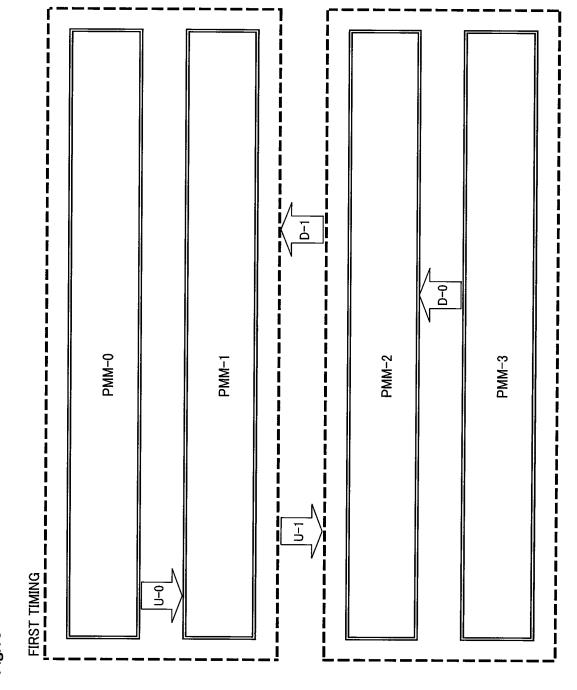


Fig.10

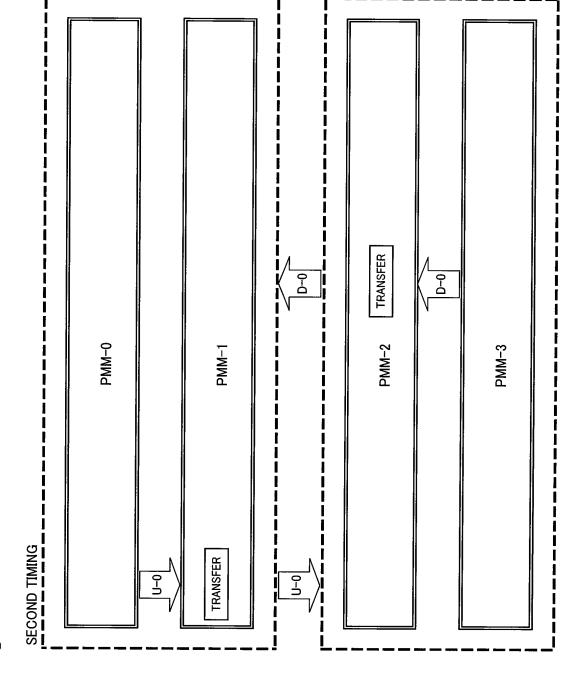


Fig.11

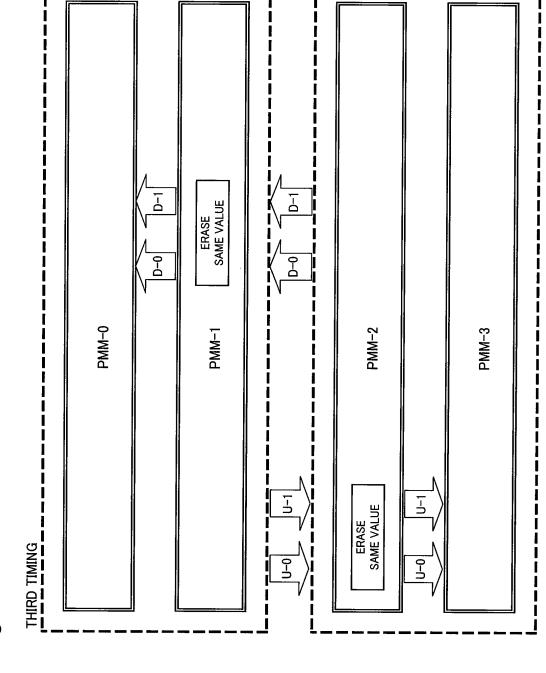


Fig.12

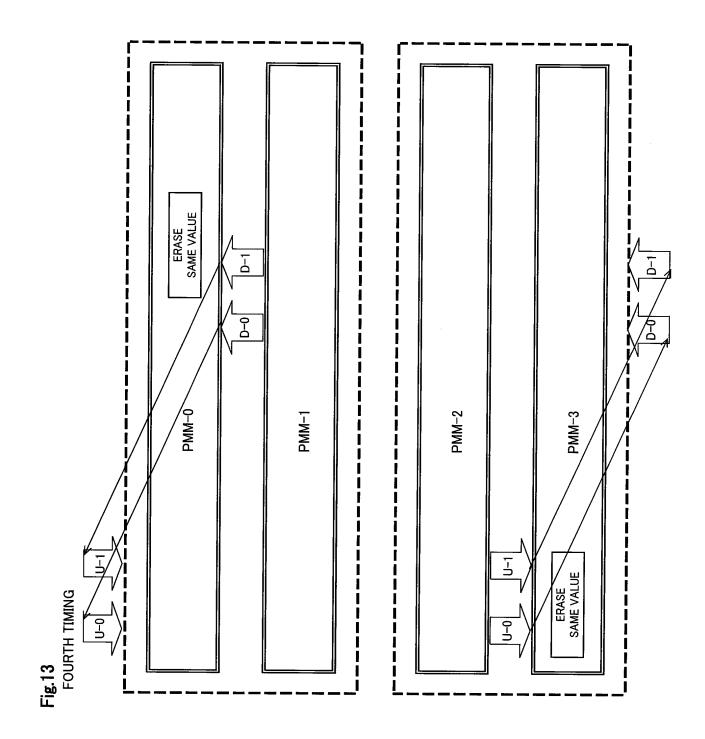
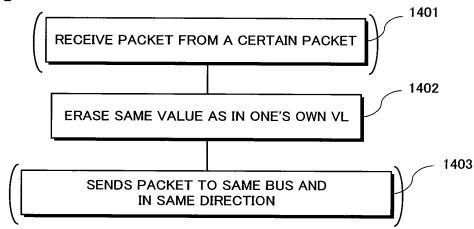


Fig.14A



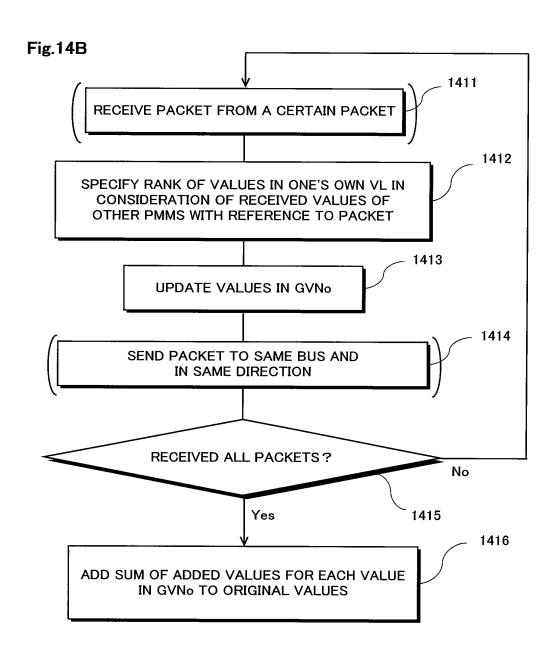


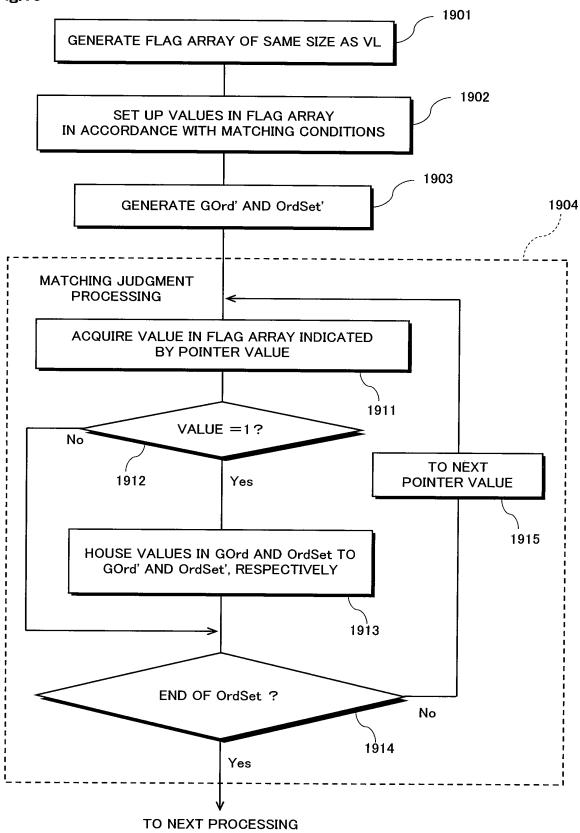
Fig.15

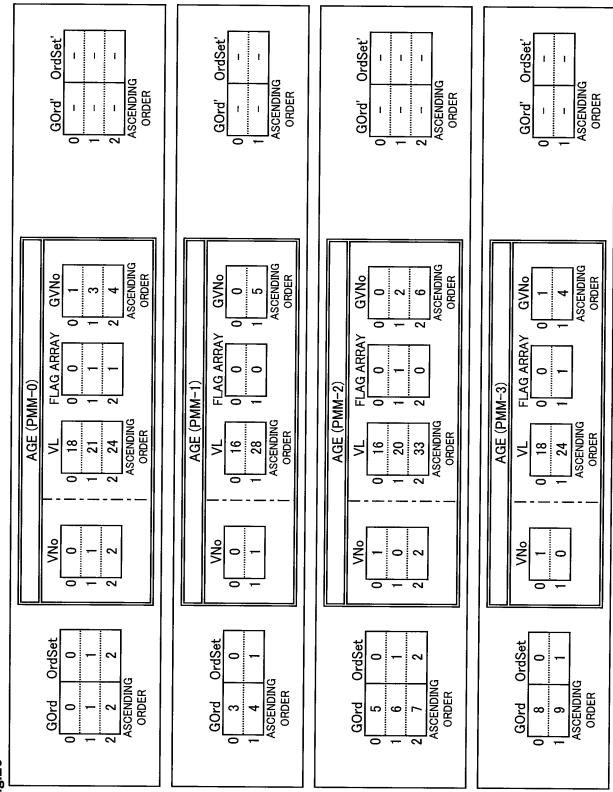
Fig.16

Fig.17

Fig.18







OrdSet' OrdSet' OrdSet' OrdSet' 0 0 ASCENDING ORDER ASCENDING ORDER ASCENDING ORDER ASCENDING ORDER GOrd' GOrd' GOrd' GOrd' S 숭 송 ASCENDING ORDER ASCENDING ORDER ASCENDING ORDER ASCENDING ORDER GVNo GVNo GVNo FLAG ARRAY FLAG ARRAY FLAG ARRAY FLAG ARRAY 0 AGE (PMM-0) AGE (PMM-1) AGE (PMM-2) AGE (PMM-3) 24 ASCENDING ORDER ASCENDING ORDER 1 28 ASCENDING ORDER ASCENDING ORDER 18 24 16 ۲ 9 33 <del>2</del> 20 Š **%** §. 6 0 OrdSet OrdSet OrdSet OrdSet 0 ASCENDING ORDER ASCENDING ORDER 1 9 ASCENDING ORDER ASCENDING ORDER Gord Gord Gord GOrd ω

Fig.21

Fig.22

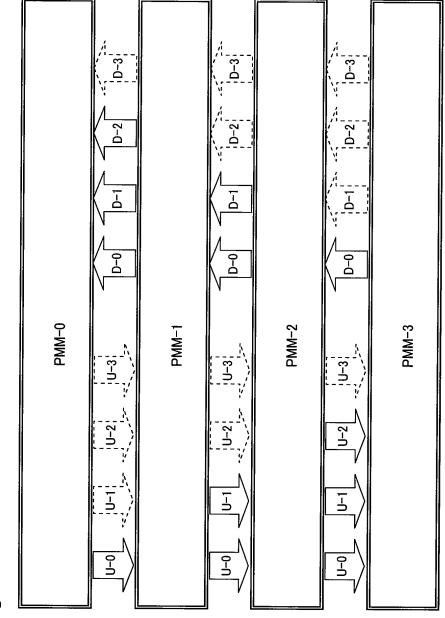
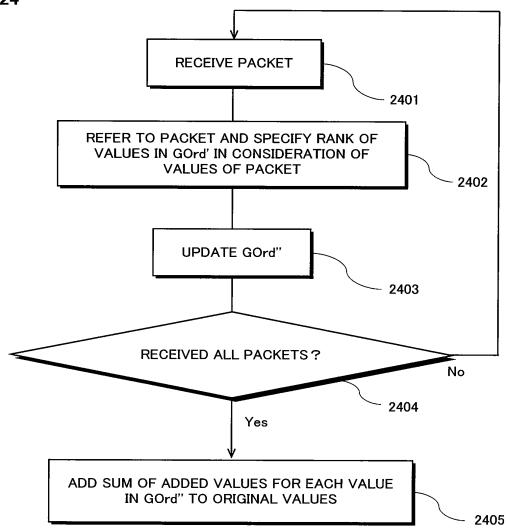


Fig.23





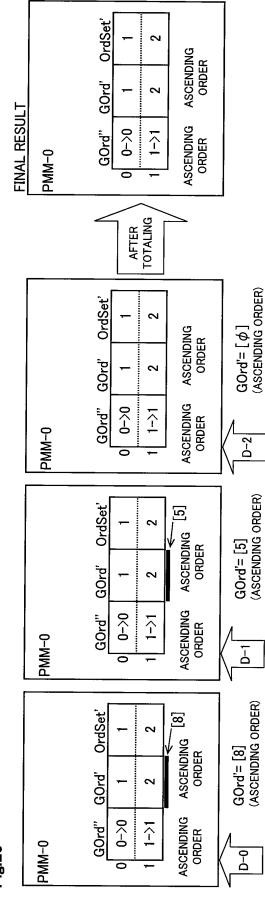


Fig.25

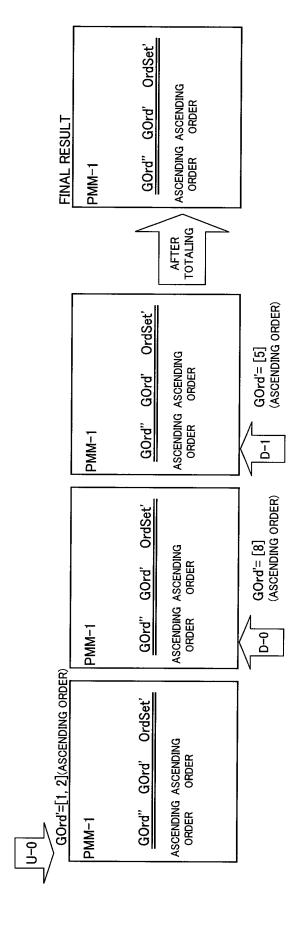


Fig.26

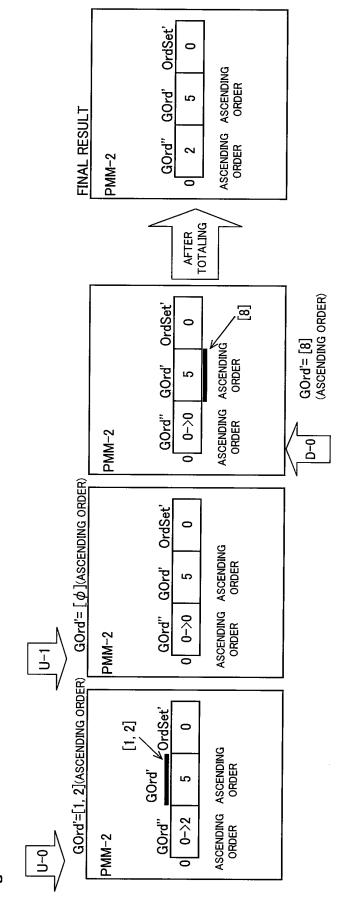


Fig.27

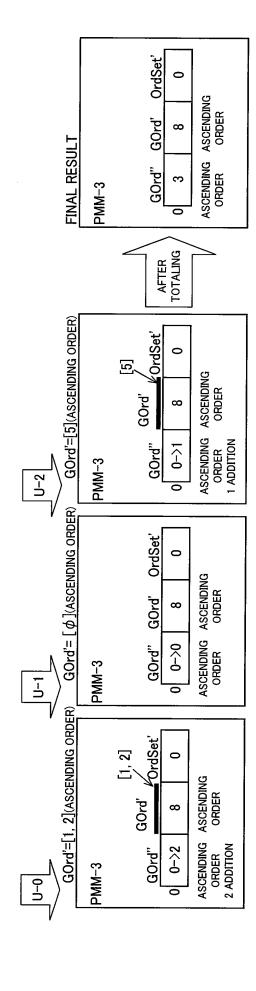
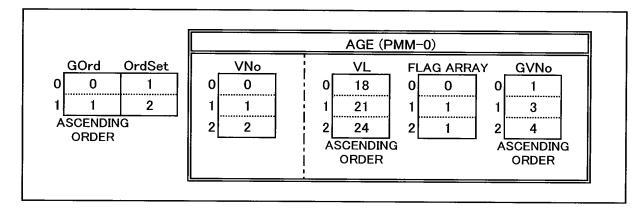
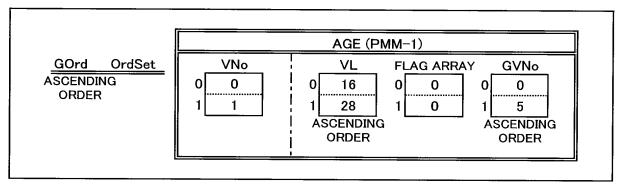
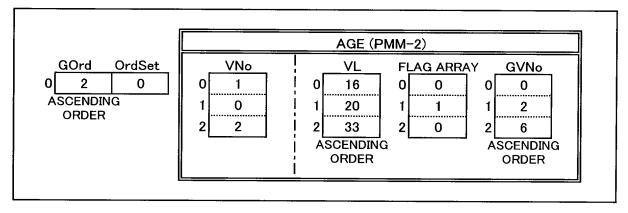


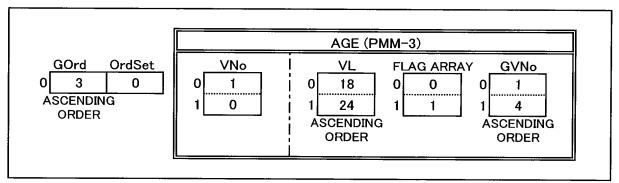
Fig.28

**Fig.29** 











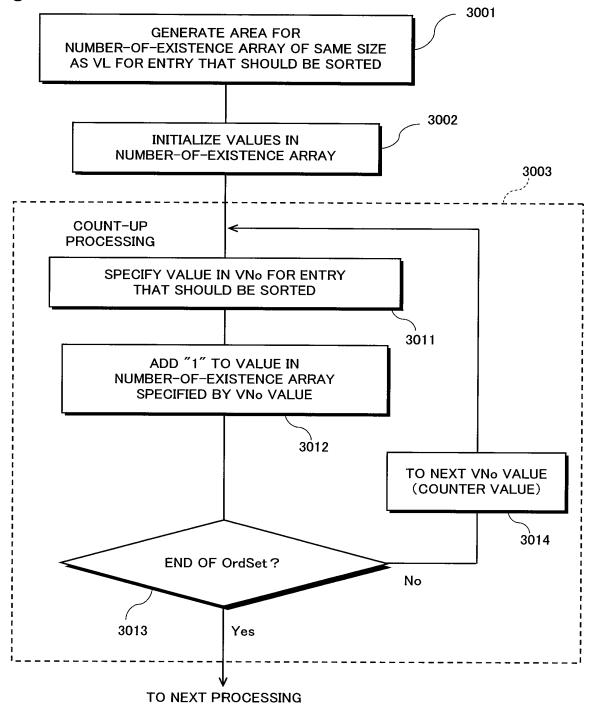
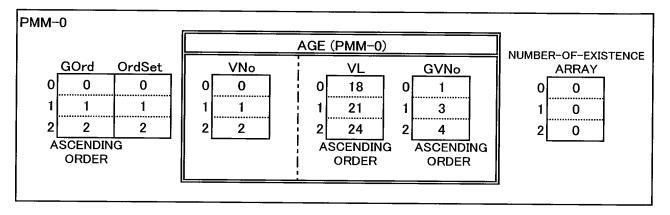
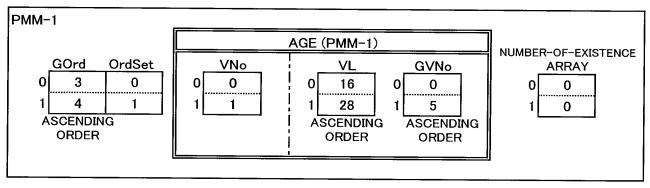
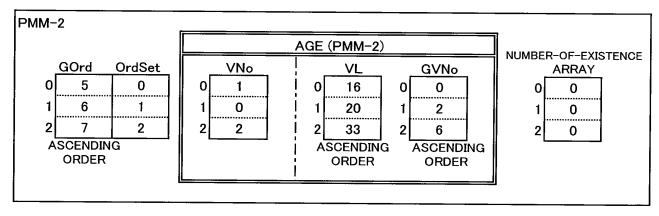


Fig.31







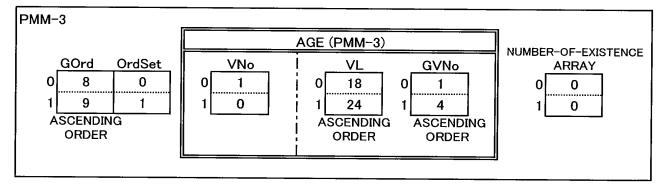
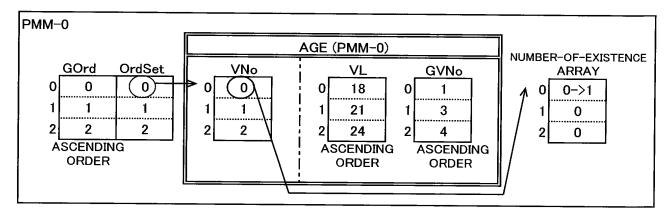
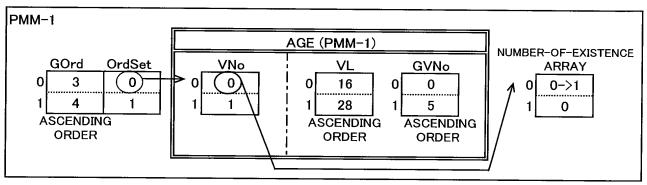
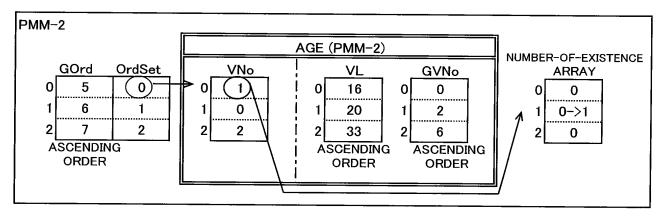


Fig.32







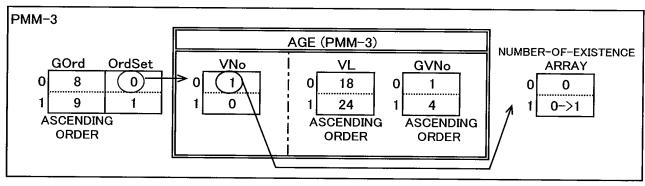
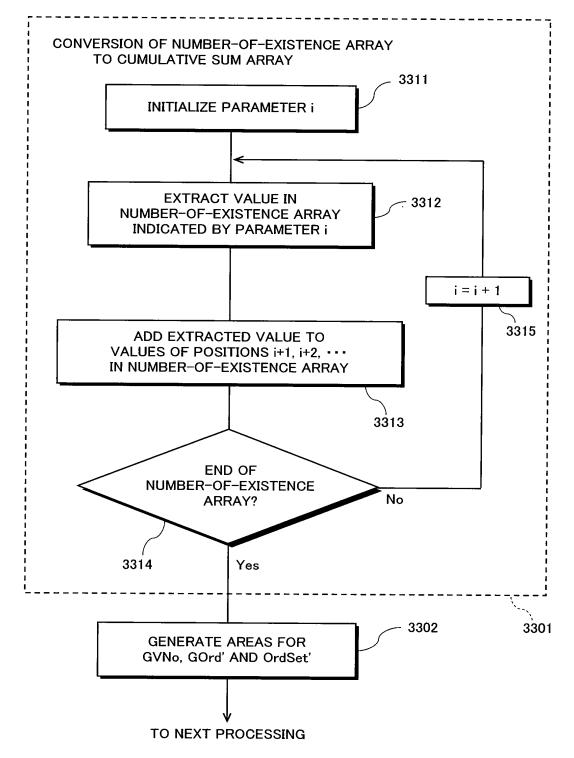


Fig.33



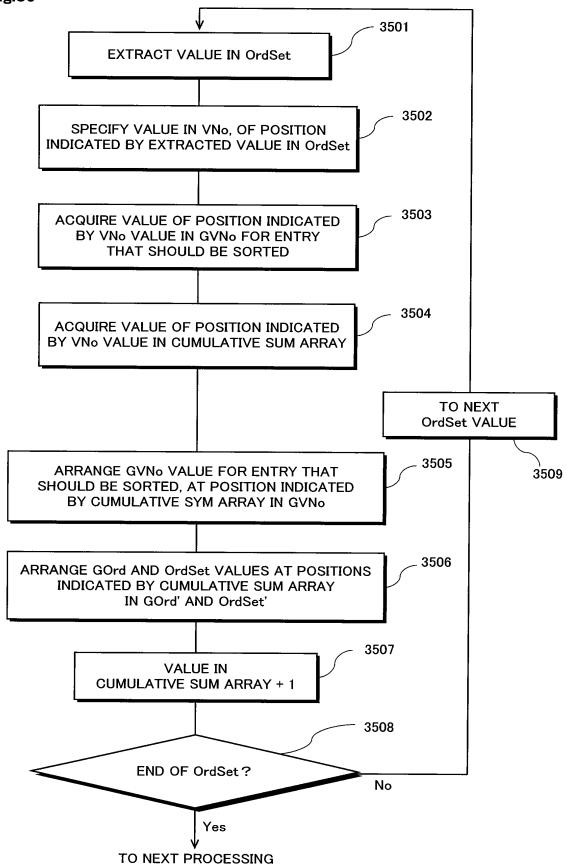
OrdSet'

ı

OrdSet'

GVNo' GOrd' OrdSet'	GOrd' OrdSet'
GVNo' GOrd' OrdSet' 0	GVNo' GOrd' OrdSet'
CUMULATIVE SUM ARRAY 0 0 0 2 2 2	CUMULATIVE SUM ARRAY 0 0 0
NUMBER-OF-EXISTENCE  ARRAY  1	NUMBER-OF-EXISTENCE ARRAY  1 1
GVNo  0 0  1 2  2 6  ASCENDING ORDER	GVNo 0 1 1 4 ASCENDING
VL VL 16 16 20 33 ASCENDING ORDER	AGE (PMM-3)  VL  VL  1 24  ASCENDING
VNo 1 0 1 2 2 2	VN0 1 0
GOrd OrdSet  0 5 0  1 6 1  2 7 2  ASCENDING ORDER	GOrd OrdSet  GORD OrdSet  ASCENDING





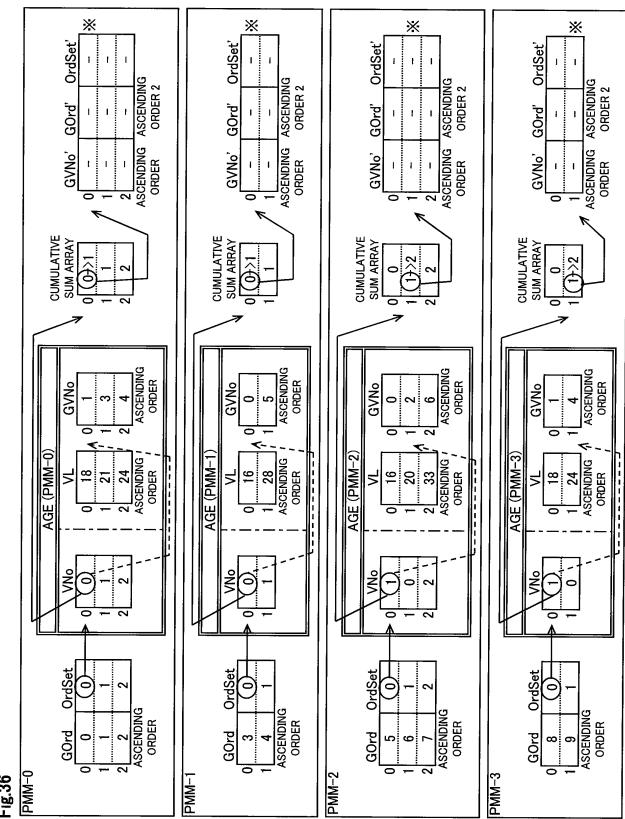


Fig.36

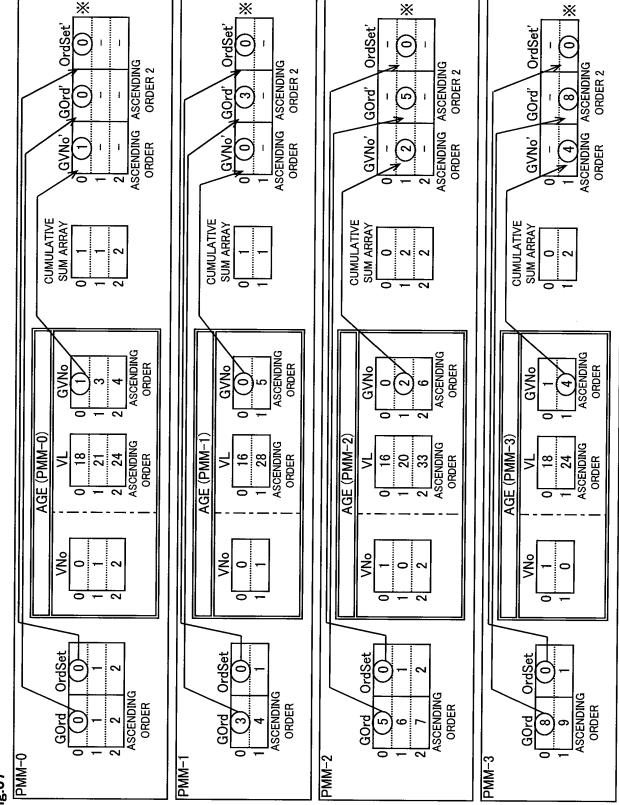


Fig.37

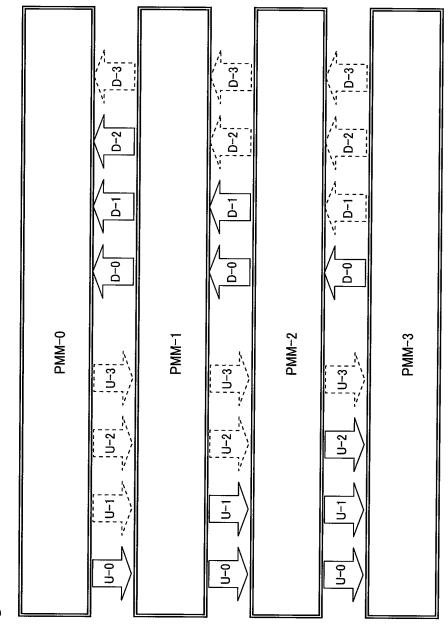
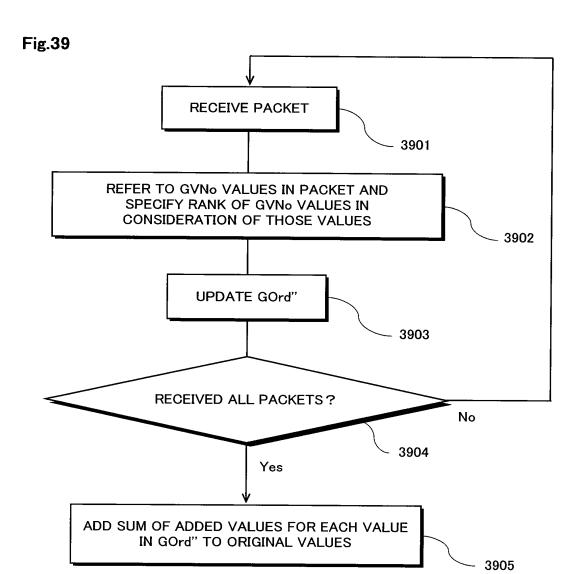


Fig.38



OrdSet' GVNo' GOrd', [(0,3)] ASCENDING ASCENDING ORDER 2 [(5,4)][(0,3), (5,4)] (ASCENDING ORDER) GOrd" 0->1 1->2 2->3 PMM-0 D-2 ✓ GVNo' GOrd' OrdSet' 2 ASCENDING ASCENDING ORDER 2 [(0,6), (2,5), (6,7)] (ASCENDING ORDER) [(6,7)] က [(0,0)] GOrd" <del>-</del>0 <del>1</del>->3 2->4 [(2,5)]PMM-0 <u>-</u> GVNo' GOrd' OrdSet' ASCENDING ASCENDING ORDER 2 0 [(1,9), (4,8)] (ASCENDING ORDER) [(4,8)] က 0~-0 GOrd" 1->2 2->3 [(1,9)] PMM-0 <u>P</u>

0

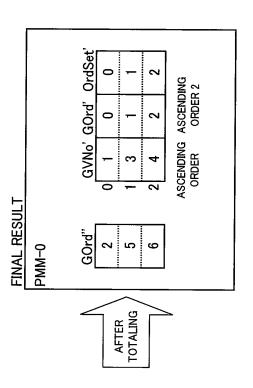
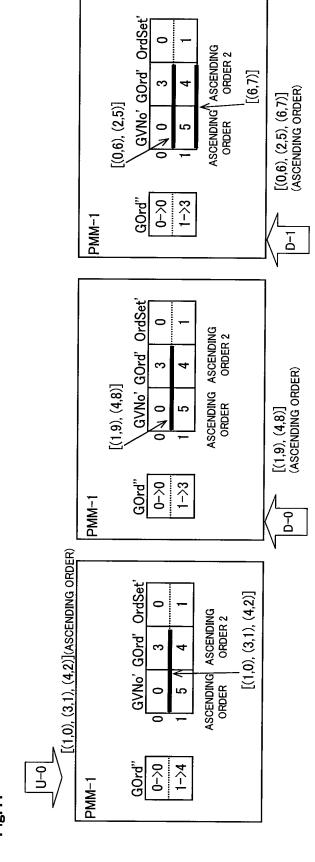


Fig.40



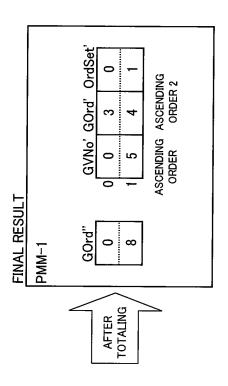
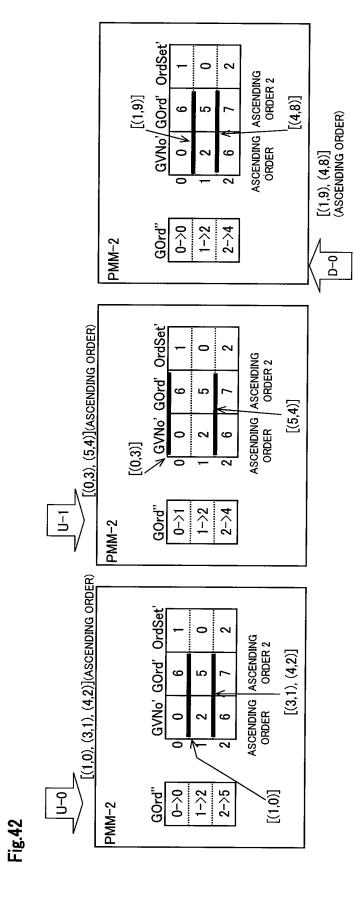
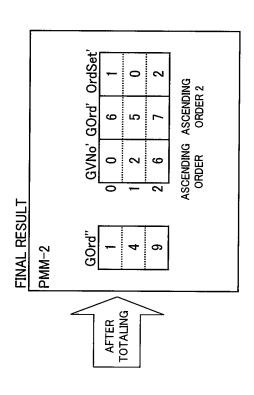
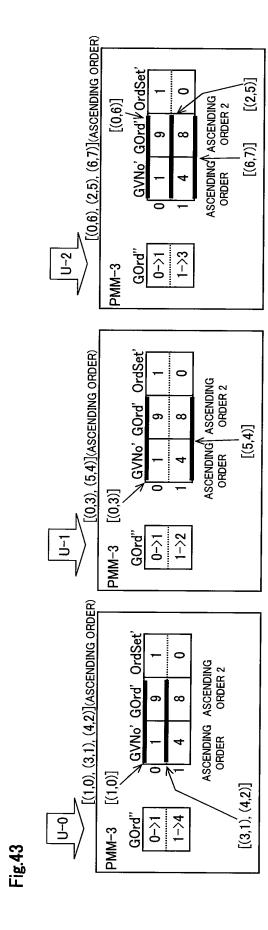
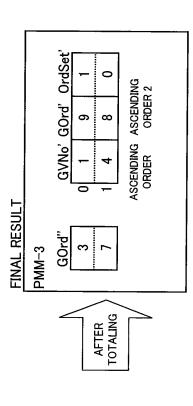


Fig.41









= 0 SEX (PMM-0) AGE (PMM-0) HEIGHT (PMM-0
GOrd OrdSet   VNo   VL   GVNo   VL   GVN
OFFICET - 3
OPENDER   3   SEX (PMM-1)   AGE (PMM-1)   HEIGHT (PMM-1)   WEIGHT (PMM-1)   WEIGHT (PMM-1)   WEIGHT (PMM-1)
TITOLIM
GVNo
0-110110
Cord OrdSet

Fig.45

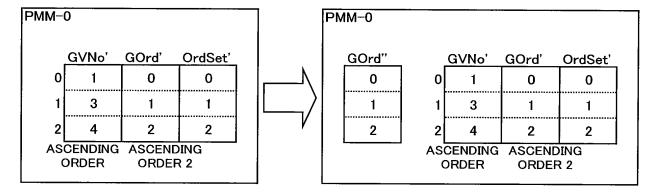
	SEX	AGE	HEIGHT	WEIGHT
o	FEMALE	18	168	55
1	MALE	21	172	64
2	FEMALE	24	159	48
3	FEMALE	16	172	48
4	MALE	28	181	78
5	FEMALE	20	166	55
6	FEMALE	16	168	52
7	MALE	33	174	65
8	MALE	24	177	64
9	FEMALE	18	170	55

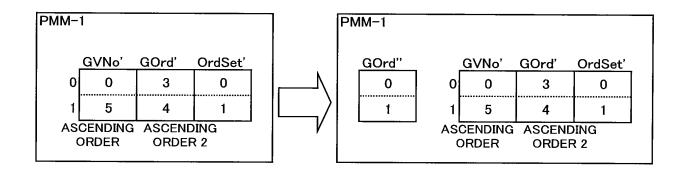
BEFORE SORTING

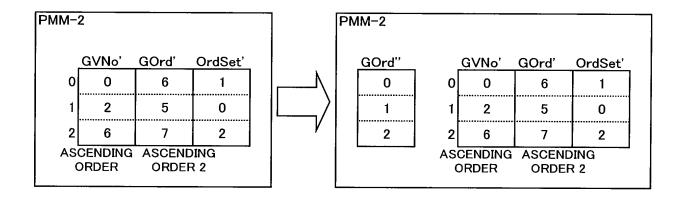
		SEX	AGE	HEIGHT	WEIGHT
0	3	FEMALE	16	172	48
1	6	FEMALE	16	168	52
2	0	FEMALE	18	168	55
3	9	FEMALE	18	170	55
4	5	FEMALE	20	166	55
5	1	MALE	21	172	64
6	2	FEMALE	24	159	48
7	8	MALE	24	177	64
8	4	MALE	28	181	78
9	7	MALE	33	174	65

AFTER SORTING

Fig.46







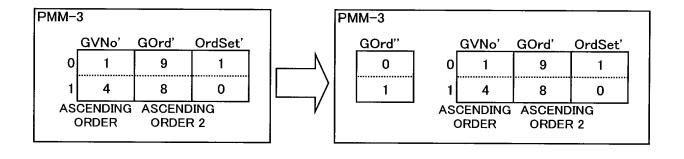


Fig.48

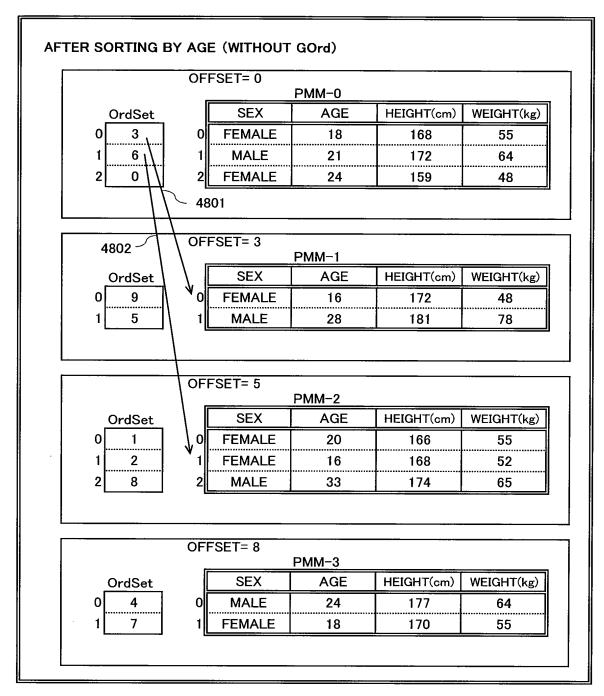
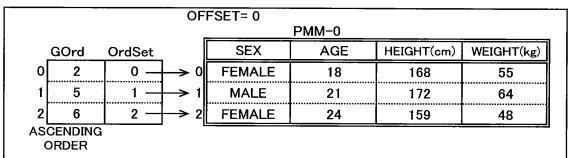
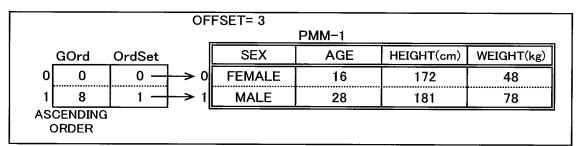
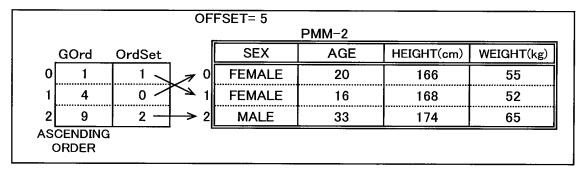


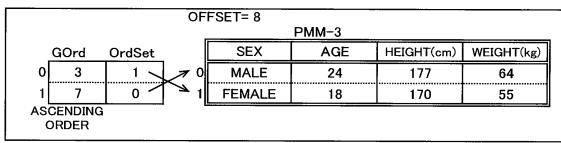
Fig.49

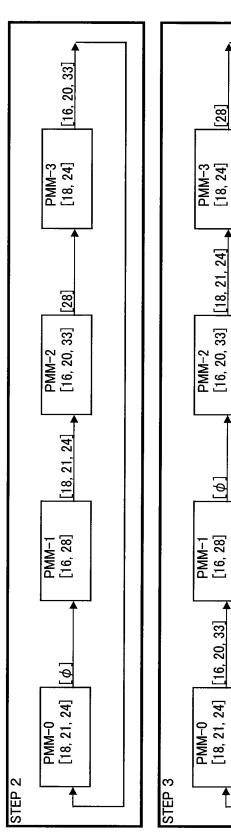
## AFTER SORTING BY AGE (WITH GOrd)

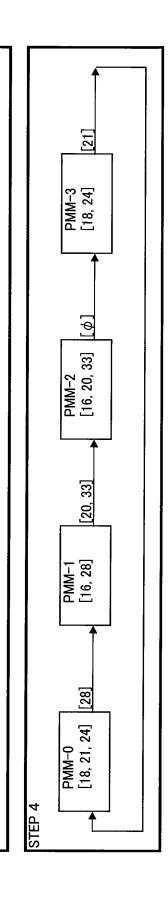












. . .

Fig.51